

Title (en)

PROCESS FOR PREPARING A BODY HAVING AN OSSEOINTEGRATIVE TOPOGRAPHY FORMED ON ITS SURFACE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KÖRPERS MIT AUF SEINER OBERFLÄCHE GEFORMTER OSSEOINTEGRATIVER TOPOGRAFIE

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN CORPS AYANT UNE TOPOGRAPHIE OSSEOINTÉGRATIVE FORMÉE SUR SA SURFACE

Publication

**EP 3685865 B1 20230705 (EN)**

Application

**EP 20158320 A 20161013**

Priority

- EP 20158320 A 20161013
- EP 16193726 A 20161013

Abstract (en)

[origin: EP3308808A1] The present invention relates to a process for preparing a body having an osseointegrative topography formed on its surface. The process comprises the steps of a) providing a primary body made of a titanium-zirconium alloy containing 13 to 17 wt-% of zirconium, b) sandblasting the primary body, and c) etching the sandblasted primary body with an etching solution comprising hydrochloric acid, sulfuric acid and water at a temperature of above 80° C to obtain the body, said etching being performed for a duration of 350 seconds at least.

IPC 8 full level

**A61L 27/06** (2006.01)

CPC (source: CH EP US)

**A61C 8/0012** (2013.01 - CH US); **A61C 8/005** (2013.01 - US); **A61L 27/06** (2013.01 - EP US); **B24C 1/00** (2013.01 - CH); **C04B 41/5042** (2013.01 - US); **C23F 1/00** (2013.01 - CH); **C23F 1/26** (2013.01 - EP); **A61C 2008/0046** (2013.01 - CH); **A61L 2400/18** (2013.01 - EP US); **C04B 41/009** (2013.01 - US); **C04B 41/5353** (2013.01 - US); **C04B 41/87** (2013.01 - US); **C04B 2111/00836** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3308808 A1 20180418**; **EP 3308808 B1 20200226**; CH 713033 A2 20180413; EP 3685865 A1 20200729; EP 3685865 B1 20230705; ES 2786598 T3 20201013; ES 2966387 T3 20240422; US 10864062 B2 20201215; US 2018104026 A1 20180419

DOCDB simple family (application)

**EP 16193726 A 20161013**; CH 12382017 A 20171010; EP 20158320 A 20161013; ES 16193726 T 20161013; ES 20158320 T 20161013; US 201715730253 A 20171011